DOE F 540.2

(08/05)

U.S. Department of Energy WEATHERIZATION ANNUAL FILE WORKSHEET

OMB Control No. 1910-5127 Expiration Date: 6-30-08 **Program year: 2009**

Grant: EE00151 Amendment: 000 State: MO

Budget period: 04/01/2009 - 03/31/2012

II.3 Subgrantees

		Tentative	
Grantee	City	Funding	Units
01-Community Services, Incorporated of Northwest Mo.	Maryville	2,201,350.00	300
02-Delta Area Economic Opportunity Corporation	Portageville	3,188,992.00	476
03-East Missouri Action Agency	Park Hills	3,067,468.00	1,157
05-Economic Security Corporation of Southwest Mo.	Joplin	2,975,131.00	595
06-Green Hills Community Action Agency	Trenton	1,308,993.00	230
07-Central Missouri Community Action	Columbia	3,647,966.00	564
08-Urban League of Metropolitan St. Louis	St. Louis	7,357,491.00	1,013
09-Jefferson-Franklin Community Action Corporation	Hillsboro	2,334,018.00	337
10-Kansas City Department of Housing & Community	Kansas City	9,109,303.00	2,550
Development			
11-Community Action Agency of St. Louis County	St. Louis	7,031,422.00	1,514
12-Missouri Ozarks Community Action, Inc.	Richland	3,123,778.00	415
13-Missouri Valley Community Action Agency	Marshall	2,365,151.00	331
14-North East Community Action Corporation	Bowling Green	3,735,881.00	538
15-Northeast Missouri Community Action Agency	Kirksville	825,491.00	147
16-Ozark Action, Inc.	West Plains	2,401,827.00	350
17-Ozarks Area Community Action Corporation	Springfield	7,083,958.00	1,030
18-South Central Missouri Community Action Agency	Winona	2,155,948.00	362
19-West Central Missouri Community Action Agency	Appleton City	2,713,804.00	370
Transform Missouri Initiative 40%	na	51,259,211.00	9,227
TOTALS		117,887,183.00	21,506

II.4 WAP Production Schedule

Total Units (excluding reweatherized) 21,285 Units by type (excluding reweatherized): Owner-occupied single-family site-built Single-family rental site-built Multi-family Owner-occupied mobile home Renter-occupied mobile home Shelter Units by occupancy: Elderly Persons with disabilities Native American Children High residential energy user Household with a high energy burden Other unit types: **Reweatherized Units** 221

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	Average Unit Costs, including Reweatherization, Subject to DOE Program Rules		
	VEHICLES & EQUIPMENT AVERAGE COST PER DWELLING UNIT (DOE RULES)		
Α	Total Vehicles & Equipment (\$5,000 or more) Budget		
В	Total Units Weatherized	21,285	
С	Total Units Reweatherized	221	
D	Total Dwelling Units to be Weatherized and Reweatherized (B + C)	21,506	
Е	Average Vehicle & Equipment Acquisition Cost per Unit (A divided by D)	\$0.00	
	AVERAGE COST PER DWELLING UNIT (DOE RULES)		
F	Total Funds for Program Operations	353,344,654.00	
G	Total Dwelling Units to be Weatherized and Reweatherized (from line D)	21,506	
Н	Average Program Operations Cost per Unit (F divided by G)	\$2,480.45	
Ι	Average Vehicle & Equipment Acquisition Cost per Unit (from line E)	\$0.00	
J	Total Average Cost per Dwelling (H plus I)	\$2,480.45	

II.5 Energy Savings

Method used to calculate energy savings:	WAP algorithm	Other (describe	below) X
The Missouri Department of Natural Resources Energy C Funds for Program Years 2009/2010/2011 funding, a total that 570,855 mmBtu/year of energy will be saved.			
Method for calculating energy savings is as follows:			
For determining the energy savings by fuel type, data fron National effects of the US Department of Energy's Weath Using Studies from 1993 to 2005" (ORNL/CON-493).			
0 0, 0 0			yr/home
Data collected from MO Wx Agencies, Home Complete S Percent of homes with electric savings only Percent of homes with gas savings only Percent of homes with both gas and electric savings	Summary PY 2008. 22% 16% 62%		
.22 x 21,506 homes x 6.6 mmBtu/yr/home = 31,227 m .16 x 21,506 homes x 30.5 mmBtu/yr/home = 104,949 m .62 x 21,506 homes x 32.6 mmBtu/yr/home = 434,679 m Estimated PY 2009/2010/2011 savings 570,855 mr	mBtu/yr <u>mBtu/yr</u>		

Estimated energy savings: 570,855 (MBtu)

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Estimated prior year savings: Actual: 0

If variance is large, explain:

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II.6 Training, Technical Assistance, and Monitoring Activities

The state of Missouri will use Weatherization Assistance Program American Recovery and Reinvestment Act funds under the Transform Missouri Initiative. The goals of the Transform Missouri Low-income Weatherization Assistance Program are to provide effective management and leverage multiple sources of federal, state and other funding; continuation of improved weatherization services; increased energy efficient housing; long-term reduction in utility bills; economic revitalization; job creation; and comfort and safety of those served.

Section II.6 herein describes specific training and technical assistance activities. Section III.4 of the "On file" Information describes the overall approach and includes (1) Assessment of training needs for local weatherization agencies and (2) Productivity of agencies and development of T&TA activities.

Local weatherization agency Professional Alliance work group and the Energy Center assessment of training needs concluded that: Training should be on-going

Training should be mandatory depending on job classification and certification requirements, voluntary in other instances

Training should include theory and hands-on approach

Training should be provided on a regional basis

Training should include a combination of training options

Training should include conferences and workshops

Training should include peer exchange

The Energy Center requires the network of local agency weatherization technicians to be trained in building science principals, advanced building diagnostics, combustion heating systems and whole house best practices approach to cost effective energy efficiency measures. Technicians are required to demonstrate competency in knowledge and performance skills in these disciplines through the Building Performance Institute (BPI) testing and certification program. Additional training, including regional training for contractors and crew, will be implemented. The MDNR/EC will be working with its historical training partner, Linn State Technical College, and with additional training subgrantees identified through a competitive process, to provide training opportunities.

A survey, based on 100% allocation of funds, was conducted of all Subgrantees, requesting information regarding their plans to increase their number of employees and contractors as a result of the Transform Missouri funds. Based on survey results, the eighteen subgrantees are planning to increase their staff by a total of 45 administrative staff, 73 auditors and 90 crew members. The subgrantees also indicated a need to hire an additional 190 sub-contractors to effectively meet their production schedule.

In order to meet increased training needs, the MDNR/EC will be securing multiple training outlets available for all auditors, crew members and contractors to receive adequate training needed and required for weatherization. Optional training will also be available for auditors, crew members and contractors to increase their proficiency and safety in their working environment. The majority of the training will be conducted during the first twelve months of the grant period. However, additional training classes will be provided for the duration of the grant period. These training classes will be available for new hires, new contractors and for continued educational opportunities.

Training courses will focus on Auditor, Shell Specialist and Heating/Cooling certifications. It is anticipated that training will include, but not limited to the following topics:

Building Science Principals
Basic Auditing Procedures
Advance Building Diagnostics
Air Sealing, Insulation Materials and Techniques
Combustion Heating Systems
Combustion Appliances
Duct System Diagnostics and Repair
Whole House Best Practices
Health and Safety
Mold and Mold Hazards Awareness
Using NEAT to Establish Weatherization Priorities
Blower Door
Lead-Safe Work Practices
Using MHEA to Establish Mobile Home Weatherization Priorities

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During program year 2008, Missouri began using a mobile home audit component. The Manufactured Home Energy Audit (MHEA) is now available to the network as part of the Weatherization Assistant. Missouri participated in the field testing of the MHEA audit. Training will be provided on the use of NEAT/MHEA at the Training Center.

Lead-Safe Work (LSW) Practices training is planned for both direct hire and contractor crew workers. Crewmembers and contractors need to have the training before they work on homes with lead paint where painted surfaces in those homes will be disturbed in the course of doing Weatherization measures. New crewmembers and contractors are required to be trained within a six-month period. However, they cannot work on a home(s) with lead until receiving LSW training. All EPA Certified Renovator training requirements will be met.

Training activities will include efforts on certification for Missouri weatherization technicians. It is important to provide a mechanism by which technicians may be certified in accordance with the Building Performance Institute (BPI). BPI has established technical standards and testing protocols for trade professionals to ensure efficiency and durability of the buildings they work on and the comfort and safety of the people who live in them. BPI-certified technicians are required to demonstrate competency in the knowledge and performance skills necessary to inspect, diagnose and troubleshoot building performance issues. Weatherization training for crew members and contractors will also be provided.

The Energy Center recognizes that additional training opportunities and compressed training opportunities will be important to help ensure performance of quality Weatherization work. The program's success wil depent, in part, on subgrantee employment of additional auditors and crew members and the use of additional contractors. In recognition of these challenges, the Energy Center has budgeted substantially more funds for training purposes, is working with its primary training subgrantee to provide additional auditor and crew training opportunities in a compressed timeframe and in more geographic locations in Missouri. The Energy Center also has assessed existing applicable training opportunities at community colleges, trade organizations and other training centers and is making our subgrantee network aware of these training venues and schedules.

Beginning in program year 2005 each weatherization agency was required to have at least one BPI-certified auditor, Building Analyst I, on staff as part of a quality assurance program. Any subgrantees without the required trained and certified energy auditor must submit a corrective action plan to the Energy Center before the MDNR will award a subgrant for the subsequent program year.

Details regarding state program oversight and T&TA funding are contained in the standard federal 424 form: Federal Assistance Budget information Section A and B. Each subgrantee will be awarded a portion of T&TA funds based on the subgrantee's budgeted need and as approved by the Energy Center. Local agency T&TA funds may only be used to pay for the cost associated with: Crew member and contractor related training courses

BPI related training courses related to certification and re-certification

Local and State LIWAP-related meetings and training conferences

Regional and national LIWAP-related meetings and training conferences

Training on computers and software related to LIWAP operations

LIWAP training or assistance provided between local agency subgrantees.

Effectiveness of Training and Technical Assistance:

Surveys of training participants to rate course content, effectiveness of instruction and applicability to improved weatherization services

NEAT/MHEA audit results and savings to investment ratio

Cost and quality of home energy retrofit

Housing quality monitoring inspections

Implementation of best practices and work quality standards

MONITORING ACTIVITIES:

MDNR/EC monitoring activities span four distinct but interrelated areas of program operations:

- 1. Housing quality inspections
- 2. Production and expenditure reviews
- 3. Fiscal and program operations
- 4. Oversight of federal/state requirements and regulations

Implementing the MDNR/EC monitoring system involves:

A. Desk Monitoring

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A Subgrantee is required to submit monthly reports to MDNR/EC that include the client's names, job numbers and other required information. The Missouri Energy Center is in the process of implementation of a web-based database to assist with reporting, tracking, data retention, etc. This web-based system will assist with client file review (procedural and technical). The reporting, budget preparation, etc. will be performed through the web-based system and will prepare the reimbursements electronically to the state's accounting system. With this web-based system, MDNR/EC can determine compliance with:

- The federally designated expenditure categories.
- Actual expenditures versus planned expenditures.
- Overall expenditure rates by each Subgrantee.
- Characteristics of completed homes.
- Numbers of completed units per month.
- Numbers of persons and households by WAP targets.

Reimbursement to a Subgrantee is based on clear, accurate reporting of expenditures and clients served. MDNR/EC provides each Subgrantee with an analysis of the monthly report. This includes feedback concerning specific problems a Subgrantee may be experiencing in its operations or in its compliance with grant requirements. Information collected is also used to target selected items for monitoring during field visits to a Subgrantee.

B. Procedural Monitoring

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MDNR/EC, or its monitoring subgrantees, will visit each Subgrantee at least once each program year to review procedural, fiscal and compliance issues. MDNR/EC, or its monitoring subgrantees, will conduct a thorough review of the procedures of the Subgrantee by using a standardized and extensive monitoring protocol.

A risk assessment has been performed for the subgrantee agencies. Based on this assessment, the Missouri Energy Center and MDNR Internal Audit program have determined the various levels of procedural monitoring based on risk. If a subgrantee agency is determined as low risk, a review of 5% of client files for the program year will be reviewed during the procedural monitoring, with a minimum of 5 files reviewed. If a subgrantee agency is determined as medium risk, a review of 9% of client files for the program year will be reviewed during the procedural monitoring, with a minimum of 10 files reviewed. If a subgrantee agency is determined as high risk, a review of 18% of client files for the program year will be reviewed during the procedural monitoring, with a minimum of 15 files reviewed.

MDNR/EC will review Subgrantee compliance with federal/state regulations and requirements as specified in the Missouri WAP Annual and Master files, the Missouri WAP Competitive Procurement Standards, and the MDNR General Terms and Conditions for Federal Subgrants.

Annual independent audits will be reviewed to ensure audit financial schedules match financial reports submitted during the year.

C. Housing Quality Monitoring

A variety of items are reviewed by MDNR/EC housing quality monitors during on-site visits.

1. MDNR/EC, or its technical monitoring subgrantees, will schedule an on-site visit(s) to a Subgrantee as necessary, but at least once per program year, to inspect the quality of work on the homes completed. A representative sample of completed homes will be inspected to determine whether or not the work reported and materials installed are in compliance with WAP standards.

MDNR/EC has developed a risk assessment strategy which will be implemented in determining the number of homes to be inspected at each subgrantee agency. For agencies determined as low risk, a minimum of 5% of the total homes completed will be inspected. For agencies determined as medium risk, a minimum of 7.5% of the total homes completed will be inspected. For agencies determined as high risk, a minimum of 10% of the completed homes will be inspected.

MDNR/EC will have the option to inspect additional houses when implementing new measures or other concerns arise. Inspection checklists are used to assist MDNR/EC, or its technical monitoring subgrantees, with on-site inspections. Additional information may be obtained or requested from the Subgrantee client files to document the findings of the monitoring visit. MDNR/EC will inspect the following:

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Compliance with allowable WAP measures.

- Quality of work.

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- Accuracy of the report concerning the amount of material installed on the home.
- Assurance that the initial energy audit and final inspection are appropriate, accurate and complete.
- 2. MDNR/EC, or its technical monitoring subgrantees, may also perform follow-up reviews of homes where additional work or corrective measures were required as a result of a past MDNR/EC inspection.
- 3. Selected materials will be inspected to insure they meet federal specifications.
- 4. Pre-audits may be done to determine accuracy.
- D. Independent Monitoring
- Independent Fiscal Audit Review

A Subgrantee is required to have an annual fiscal audit, in accordance with OMB Circular A-133. This audit shall document expenditures and compliance with regulations and requirements. The independent auditor shall use the schedules found in the WAP audit guide to present the required financial data. Findings are compared to the subgrant and monthly reports.

Client Education: Client education is an effective method of improving the impact of WAP measures. These efforts include fact sheets, brochures, the State MDNR/EC WAP website, and one-on-one contact. Subgrantees play a vital role in expanding client education activities at the local level. Local activities include client workshops, providing Energy Saver Booklets, client interviews and instruction when auditing and final inspecting the home, the explanation of information found in the Lead and Mold EPA phamplets, and local newspaper articles and radio spots.

The Energy Center recently added two new positions to the WAP. These new staff members work on WAP administration, desk monitoring and on-site fiscal, procedural and technical monitoring. We shortly will hire a third new position/person for the WAP to focus on technical assistance to subgrantees and technical monitoring. In addition, we shortly will hire a new position/person for our fiscal unit whose responsibilities will focus heavily on fiscal and procedural monitoring and auditing of subgrantees. We have budgeted adequately to cover these new positions/staff members that the department has approved for the Energy Center WAP program. In addition, based on our historical costs for contract monitoring assistance, we budgeted an amount of increased funding we projected we will need to pay for contract monitoring services.

II.7 DOE-Funded Leveraging Activities

Federal regulations allow weatherization funds to be used for leveraging activities. Under leveraging, subgrantees work at developing relationships with property owners, utility companies and other entities that generate non-federal resources for the program. Examples of some of the leveraging partnerships are donations from some local/national hardware and lumber stores, local realtors, etc. All Weatherization subgrantees participate in leveraging and partnership activities, although not all of them charge expenditures to the leveraging category for these activities. Non-federal resources are used to supplement the program and expand energy efficiency services and/or increase the number of dwelling units completed for weatherization eligible clients.

Subgrantee agencies are encouraged to budget an amount of funds the agency actually believes it will be able to use, not to exceed 5% of its grant allocation, for leveraging purposes. Subgrantee requests for leveraging must include specific planned leveraging activities; targeted partners (e.g., landlords, utilities, other agencies); and estimated outcomes including dollar amounts. If agencies do not initiate meaningful leveraging activities, the funds may be considered as state carryover, and may be redirected to other agencies.

In addition, the Energy Center proposes to fund, through a competitive selection process, a project to accomplish the following kinds of WAP enhancements: attract additional sources of sustainable funding for the Weatherization Assistance Program; enhance and extend the impact of WAP investments with complementary activities and policies; attract non-federal funding and services to low-income families to complement services eligible under the WAP; establish and share best practices among subgrantee agencies; and aid in development of a ready WAP workforce.

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II.8 Policy Advisory Council Members (names, groups, agencies)

(08/05)

10-Kansas City Department of Housing & Community Development	Mr. Robert Jackson, Weatherization Director
16-Ozark Action, Inc.	Mr. Terry Sanders, Weatherization Director
Office of Public Counsel	Mr. Ryan Kind
Boone Electric Cooperative	Mr. Chris Rohlfing
Public Service Commission	Ms. Anne Ross
Lieutenant Governor's Office	Mr. Richard Aubuchon
05-Economic Security Corporation of Southwest Area	Mr. John Joines
17-Ozarks Area Community Action Corp	Mr. Todd Steinmann, Weatherization Director
Missouri Gas Energy	Ms. Pam Levetzow
Vacancy	

II.9 State Plan Hearings (send notes, minutes, or transcript to the DOE office)

Hearing Date	Newspapers that publicized the hearings and the dates that the notice ran.
04/24/2009	Columbia Tribune (4/15/09) and Jefferson City News Tribune (4/19/09)

II.10 Adjustments to On-File Information

PY 2009 is the first year of the new 3-year WAP American Recovery and Reinvestment Act (ARRA) grant from the US DOE to MDNR. The project period is for a three-year period. The Governor of the State of Missouri has designated the ARRA funds as the Transform Missouri Initiative.

The MDNR/EC plans to utilize the \$6,500 average cost per home, including any inflationary adjustments.

The tentative allocations and number of homes are based on new funding distributed to subgrantees.

Subgrantees will not be permitted to use regular PY 2009 funds with Transform Missouri funds on the same homes.

All contract laborers working on Transform Missouri Initiative funded projects will be paid prevailing wages for that locality and the type of work that will be performed. Further guidance is expected from DOE prior to any homes being weatherized under Transform Missouri Initiative funding.

The MDNR/EC will comply with all reporting requirements that are established as of the date of this application.

The MDNR/EC will solicit, on a competitive basis through a request for proposals, a Missouri Energy Partnership Project. The purpose of the project is to generate new partnerships that will provide sustainable, non-federal resources to enhance the Low Income Weatherization Assistance Program and extend the impact of its investments with complementary activities and policies. The goals of the project are to improve Missouri's energy efficiency and promote practices, innovations, and industries that will support households with low incomes.

Transform Missouri Performance Based Incentive - Twenty percent (20%) of the Transform Missouri WAP funding will be used by the MDNR as an incentive for superior subgrantee performance. No later than July, 2010, the Energy Center will evaluate each subgrantee's performance against defined benchmarks. If subgrantees meet or exceed the established criteria, incentive funds will be distributed according to population/poverty criteria and waiting lists. The Energy Center expects to distribute these funds by September 15, 2010. (See section III.3.4, Assessment of Effectiveness, of the Master File for more detailed information.)

Transform Missouri Housing Initiative - Twenty percent (20%) of the Transform Missouri WAP funding will be used by the MDNR for initiatives that result in increased benefit and greater positive impact for clients, neighborhoods and communities served. These

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funds will be focused on initiatives that provide energy-efficiency services to clients and significantly leverage other sources of funding for greater client benefit and job creation. For example, these initiatives may focus on larger, multi-family housing units or neighborhood-based programs. These funds also could focus on initiatives that increase services to underserved low-income populations, bring non-traditional partners together to deliver leveraged and high-value services to low-income populations, or propose ways to deliver services more efficiently and effectively to dispersed rural populations. The Energy Center will follow U.S. Department of Energy guidance in the selection of subgrantees for the use of these funds (10 CFR440.15). All selected subgrantees will be required to follow standard technical quality, reporting and administrative requirements established by federal rule and state/Energy Center policies and procedures. These funds will be distributed on a competitive basis through a request for proposals. The Energy Center is cognizant of the importance of using the priority system that focuses on elderly, families with childrens, persons with disabilities, and the desirability of geographic distribution when making decisions about the use of these funds. The Energy Center anticipates issuing an RFP by August 1, 2009. (See section III.3.1 Type of Work to Be Done, of the Master File for more detailed information.) The Energy Center will seek proposals for innovative ideas to increase efficient and effective delivery of Weatherization Assistance Program services to Missouri families or proposals to bring non-traditional partners to add value to the homes. Federal Department of Energy Weatherization Assistance Program funds will be used only for eligible Weatherization uses.

II.11 Miscellaneous

(08/05)

MDNR/EC began using the NEAT audit on a statewide basis on July 1, 1994. The NEAT re-approval was obtained on 12/10/2003. Audit material was submitted in PY 2008 for validation.

Efforts will be made to have representation of low income persons, particularly handicapped and Native Americans on the PAC.

Technical Work Group: The state, working with the Professional Alliance, formed a Technical Work Group. This group will advise the state on various technical matters. The Technical Work Group is represented by:

Kevin Scherr, MDNR Energy Center

Larry Sapp, Linn State Technical College, Linn

Terry Sanders, Ozark Action, Inc., West Plains

Mike Baker, Northeast Missouri Community Action Agency, Kirksville

Stephen Boniello, KC Department of Housing & Community Development, Kansas City

Teresa House, Central Missouri Community Action, Columbia

Randy Martin, Economic Security Corporation, Joplin

Todd Steinmann, Ozarks Area Community Action Corporation, Springfield

The Technical Work Group will make technical recommendations regarding the Missouri Weatherization Program.

Disaster Plan

Declaration of a disaster for WAP purposes is determined by a Presidential or Gubernatorial order declaring either a Federal or State emergency. It may be the result of natural or man-made factors. It is the responsibility of the Energy Center Weatherization Assistance Program, through its subgrantee network, to assist state and community authorities in normalizing areas affected by a disaster by providing WAP resources to assist Missouri low-income citizens in recovering and rebuilding after the disaster. The Weatherization Program will adhere to the following guidelines when responding to any disasters in which the low-income population has been affected. These guidelines are intended to maximize the assistance we are able to provide while protecting the limited resources of the program.

Disaster-mitigation planning activities shall be implemented as soon as practical after the declaration of a disaster. A WAP subgrantee shall not commit WAP resources (labor or financial) until it receives approval from the Energy Center.

Any additional disaster-related funds will be allocated based on the extent of the disaster in each subgrantee area. Funds must supplement, not supplant, other funds available for disaster assistance. All funds received by the client to cover damages must be considered prior to the allocation of WAP resources. Attachment 2-3, the Disaster Certification form located at the end of this section, should be completed for each client requesting disaster assistance.

Safety measures, such as levees or other protections, should be in place prior to mitigation activities. Agency staff should consult with local utilities to ensure electric, gas and sewer hazards have been corrected or repaired.

A. Allowable Disaster Activities

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Allowable disaster activities may include debris removal and other clean-up work in preparation for weatherization as well as normal weatherization services. If agency staff is assigned to another area of the state to assist in disaster activities, it will be the parent subgrantee's responsibility to maintain their salaries and to arrange for agency reimbursement. The following ECM priority list is recommended for disaster homes.

Labor for gutting damaged components of the house and debris clean up.

Primary heating system replacement and repair (including ductwork repair; replacement, cleaning and sealing of all joints; and venting, flue and chimney replacement, repair and cleaning).

Domestic water heaters (venting and flues included).

Window and door repair and/or replacement.

Air sealing (basic infiltration and exfiltration work).

Attic insulation and ceiling coverage.

Wall insulation.

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Restoration of electrical power (from electrical meter into the house).

Increased incidental and Repair costs (DOE approval must be given).

Specific procedures to weatherize mobile homes under the disaster provisions are found in Attachment 2-3 of the Missouri Weatherization Operational Manual.

B. Eligibility Requirements

WAP subgrantees must ensure that applicants for disaster assistance (1) meet the current eligibility requirements, (2) are located within the designated disaster area and (3) have been directly affected by the disaster. Homes located in a FEMA-sanctioned area are not eligible for assistance.

Applicant homes must be certified as habitable, and a disaster certification form must be completed, signed and retained in the client file. The owner of a rental unit must list the property with Section 8 or provide other proof that the unit will remain exclusively for the low-income. A landlord contribution, based on a sliding scale, will be required (if a landlord contributes a furnace or other material, its value can be counted toward the contribution).

Client income eligibility may be based on one month's income. The fuel priority selection criteria allows for up to 100 points for disaster clients. Victims needing heating system or water heater repair or replacements will be served first.

Disaster-damaged homes may be re-weatherized without regard to the initial date of weatherization if the damage is not covered by insurance. Victims may receive repair or replacement to domestic hot water heaters as a health-and-safety measure. Repairs to the building structure that exceed the DOE average expenditure per home limits must be approved by the state.

C. Equipment Procurement

All purchased items should meet minimum energy-efficiency ratings as detailed in 10 CFR 440, Appendix A. Subgrantees must comply with all requirements specified in 10 CFR Parts 600 and 440, OMB A-87 (if applicable), OMB A-122 (if applicable), and the requirements specified in the MDNR General Terms and Conditions for Federal Subgrants, Missouri Weatherization Operational Program Manual's Competitive Procurement Standards.

D. Additional Funding

If additional funds are received from the department or other fund sources, a subgrantee may allocate up to \$10,000 per unit. If no additional funds are received, the state plan cost limits apply. Program operations money may be used to support mitigation and clean-up activities. No additional administrative funds will be provided for disaster work.

E. Disaster Expenditures Accountability and Reporting

Disaster expenditures must be accounted for and reported separately from other costs. The monthly report must show these expenses under "other". The costs will not be included in the averages. Program year budget adjustments must be submitted to the Energy Center within 30 days of the date of the incurred costs.

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
         STATE OF MISSOURI
2
3
4
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7
8
10 PUBLIC MEETING OF MISSOURI STATE PLAN FOR THE
  U.S. DEPARTMENT OF ENERGY'S AMERICAN RECOVERY AND
         REINVESTMENT ACT FUNDING
11
12
13
14
15
16
          Friday, April 24, 2009
17
      Lewis and Clark State Building
18
        1101 East Riverside Drive,
      Jefferson City, Missouri 65102
19
20
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22
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24
25
                                     2
           APPEARANCES
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   For the Department of Natural Resources:
        MISSOURI DEPARTMENT OF NATURAL RESOURCES
3
       Joe Gassner
4
        P.O. Box 176
       1001 Riverside, Jefferson City, Missouri 65102
5
        573-751-7657
       joe.gassner@dnr.mo.gov
6
  Reported By:
7
       Roxann Zuniga
8
        Midwest Litigation Services
       3432 West Truman Boulevard
9
        Jefferson City, Missouri 65109
       573-636-7551
10
         1-800-280-3376
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DOE F 540.2 U.S. Department of Energy

(08/05)

WEATHERIZATION ANNUAL FILE WORKSHEET (continued) irration Date: 6-30-08

OMB Control No. 1910-5127

Grant: EE00151 Amendment: 000 State: MO Program year: 2009

Budget period: 04/01/2009 - 03/31/2012

19 20 21 22 23 24 25 1 (Proceedings commenced at 10:08 a.m.) MRS. OERLY: Good morning. I'm Marcy 2 3 Oerly with the Department of Natural Resources Energy Center. I am the program manager for 4 5 Missouri's Low Income Weatherization Assistance Program. I would like to welcome you to this 6 7 public hearing regarding the State's 8 application and state plan for federal funding 9 of the Low Income Weatherization Assistance 10 Program. If you haven't already done so, we ask 11 that you please clearly write your name and 12 affiliation on the sign-in sheet found -- well, 13 14 I think it's actually being passed around the 15 room right now. And there's also a copy of the state plan for your review which is over here 16 17 on this table in the front. And it can also be found on the Energy's website at 18 19 www.dnr.mo.gov/energy/weatherization/wx.htm. If anybody needs that, I know it is a long 20 21 address, so I can give that to you if anybody 22 needs it at the end of this hearing. I want to emphasize that this hearing is 23 24 to discuss Missouri's state plan for the U.S. 25 Department of Energy's American Recovery and Reinvestment Act which Missouri is calling 1 2 Transform Missouri funding. Today's hearing will be held from 10 to 3 4 11:30 or until all comments are noted for the 5 public record. Written comments will also be 6 accepted during today's hearing. Comments will be accepted until close of business on April 7 8 24. 2009. 9 After the hearing and review of all 10 submitted comments, the department will finalize the annual application and submit it 11 to the U.S. Department of Energy. 12 13 To begin the hearing, I plan to give a brief background concerning the Low Income 14 Weatherization Assistance Program and then 15 16 explain and/or clarify significant additions or 17 policy clarifications found in the state plan. I will then open the floor for public comment. 18 19 We ask that open discussion be held until all 20 comments have been noted and that questions 21 pertain only to this particular state plan.

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OMB Control No. 1910-5127

(08/05) WEATHERIZATION ANNUAL FILE WORKSHEET (continue dipiration Date: 6-30-08

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The program funds are provided by the U.S Department of Energy and are administered by

the Missouri Department of Natural Resource's

25 Energy Center. The state-wide program is

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administered at a local level by 16 community
action agencies, a unit of local government,
and non-for-profit agency.

The Low Income Weatherization Assistance Program's objectives are to increase the energy efficiency of homes owned or occupied by low-income persons and reduce their total expenditures on energy while ensuring their health and safety.

The program prioritizes services to the elderly, people with disabilities, and families with children. Since 1978, the weatherization funds have helped to weatherize more than 150,000 homes in Missouri.

For eligible households, the weatherization program provides cost-effective energy efficiency improvements that may include reducing infiltration, increasing insulation in walls, attics, floors, and foundations. Other measures include heating systems clean and tunes, heating system replacement, and minimal building envelope repairs. Only measures that are determined cost effective are installed on eligible households.

When weatherizing a home, heating systems

and gas appliances are tested for home hazards such as gas leaks and carbon monoxide. Visual and diagnostic inspections help homes become safer in addition to becoming more energy efficient.

The program focuses on long-term reduction in utility bills and the comfort and safety of those served. For example, according to the Department of Energy figures, in 2008 weatherized homes nationally saved 1.9 billion in energy costs as a group. At current prices home energy savings average \$413 each year.

These savings accrue annually for the life of the measures thus allowing low-income households more affordable energy bills and makes available more money for food, medicine, transportation, and other necessities.

Federal weatherization funds in the amount of \$128,148,027 have been allocated to the State of Missouri by the U.S. Department of Energy. The grant period for the funding will be for a three-year period and is assumed for planning purposes to begin on June 1, 2009, and

24 end on March 31, 2012.

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25 However, funding for the Transform

Missouri sub-grants is completely contingent upon award of funds by the U.S. Department of Energy and appropriation made available by the Missouri General Assembly.

In order to build upon and expand the successes in Missouri weatherization program, the State is proposing to allocate the 60 percent of sub-grantee weatherization allocation according to a distribution formula in a same manner as previous years.

The formula uses a base funding amount of \$50,000 per sub-grantee with a balance of funds dispersed according to the low-income population in each local sub-grantee's service area. The other 40 percent of the sub-grantee weatherization allocation is to be allocated through the Transform Missouri Initiative.

As outlined in the state plan, 20 percent of the funds being utilized for the initiative will be for performance-based initiative. These funds are referred to as the Transform Missouri Performance Based Initiative -- or Incentive. Excuse me.

Missouri is proposing that 20 percent of the federal Transform Missouri Weatherization

Assistance funding will be used as an incentive for superior sub-grantee performance. No later than 15 months into the grant period, the Energy Center will evaluate each sub-grantee's performance against defined benchmarks. If the sub-grantees meet or exceed the established criteria, incentive funds will be distributed to the low-income population criteria in each sub-grantee service area.

The other 20 percent of the funds being utilized for the Transform Missouri Initiative will be for innovative projects that result in increased benefit and provide greater positive impact for clients, neighborhoods, and communities served. These funds are referred to as the Transform Missouri Housing Initiative.

The housing initiative will focus on projects that provide energy efficiency services to clients and significantly leverage other sources of funding for greater client benefit and job creation. These initiatives may focus, for example, on larger multifamily housing units or neighborhood-based programs.

25 These funds will be distributed on a

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competitive basis through a request for
1
2
      proposals.
3
          At this time I would like to present for
4
      the record a list of the Weatherization
5
      Assistance Program providers, their program
      allocations, and estimated number of homes to
6
7
      be weatherized. And this information can be
8
      found on Page 1 of the annual file worksheet.
          And just to note, once all sub-grantee's
9
10
       production schedules are received, the
       estimated number of homes to be weatherized
11
       will be adjusted based on actual sub-grantee
12
13
       information.
14
          Based on recommendations from the Policy
       Advisory Council and others, changes to the
15
       state plan have been or will shortly be
16
       incorporated. These changes include the
17
18
       following:
19
          Under type of work to be down on Page 2 of
       the master file, the words pilot basis which is
20
       next to refrigerator replacement and the words
21
       will discuss with technical worker next to the
22
23
       cooling measures have been removed.
24
          Next, under rental procedures on Page 12
25
       and 13 of the master file, the words a minimum
1
      of next to a 5 percent cash contribution have
2
      been added.
3
          Number 3 under energy savings on Page 2 of
4
      the annual file, the following energy savings
5
      methodology is explained.
          For determining the energy savings by fuel
6
7
      type, data from the Oak Ridge National
      Laboratory's report which is estimating the
8
      national affects of the U.S. Department of
9
       Energy's Weatherization Assistance Program with
10
11
       state level data, a Meta-evaluation Using
       studies from 1993 to 2005, was used in
12
       combination with data collected from the
13
       sub-grantees' Program Year 2008 Homes Complete
14
15
       Summary Reports regarding the percent of homes
       with electric savings only, gas savings only,
16
17
       and a combination of both gas and electric
18
       savings.
19
          Also at the conclusion of the hearing, the
20
       department will consider other modifications
       based on comments today and from the Policy
21
22
       Advisory Council meeting that was held
23
       yesterday.
          The most significant additions to the
24
25
       state plan including the following:
          Under types of work to be done on Pages 2
1
      and 3 of the master file, the Transform
2
      Missouri Housing Initiative is explained. As
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stated earlier, 20 percent of the Transform
4
5
      Missouri weatherization funding will be used by
      the department for initiatives that result in
6
7
      increased benefit and greater positive impact
8
      for clients, neighborhoods, and communities
      served.
9
10
          These funds will be focused on initiatives
11
       that provide energy-efficiency services to
       clients and significantly leverage other source
12
13
       of funding for greater client benefit and job
       creation. These initiatives may focus on
14
       larger multifamily housing units or
15
       neighborhood-based programs. These funds will
16
       be distributed on the competitive basis for a
17
       request for proposal.
18
          Proposals must include projects that
19
       demonstrate increased coordination among
20
21
       funding sources to pool housing funds from
22
       multiple sources. For example, weatherization
23
       funds may not be used to replace faulty roofs,
       therefore some homes cannot be weatherized.
24
25
       Increased coordination among a variety of
      different governmental agencies or civic groups
1
2
      may help to identify funds that can be used in
3
      conjunction with weatherization funds to
      provide greater client benefit.
4
5
          Coordination also may allow projects with
6
      higher visibility and impact such as neighbor
      sweeps. Many homes in a targeted neighborhood
7
      could be improved by using funds from various
8
      funding sources to meet multiple needs at each
9
10
       home as workers move through the neighborhood.
          In addition, due to limited funding in the
11
       past, Missouri's sub-grantees have not
12
       typically pursued large multifamily projects.
13
14
       Multifamily proposals, especially done through
       a coordinated effort among funding source, may
15
       result in significant, concentrated
16
       energy-efficiency improvements.
17
18
          Under assessment of effectiveness found on
       Pages 4 and 5 of the master file, benchmarks
19
20
       for successful performance are described as:
21
          Number 1, at month four of the three-year
22
       sub-grant period, a minimum of 65 percent of
23
       expected production and expenditure has been
24
25
          Two, at month six of the three-year
1
      sub-grant period, a minimum of 70 percent of
2
      expected production and expenditure has been
3
      reached.
4
          Three, at month nine of the three-year
5
      sub-grant period, a minimum of 75 percent of
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expected production and expenditure has been

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reached.

Four, at month 12 of the three-year sub-grant period, a minimum of 85 percent of expected production and expenditure has been reached.

And five, at month 15 of the three-year sub-grant period, a minimum of 90 percent of expected production and expenditure has been reached.

If a sub-grantee falls behind expected production and/or expenditure in any period, the Energy Center will alert the sub-grantee by letter of the department's concern about production or expenditure levels and of the need to accelerate production.

If an agency continues to fall behind at the next three-month period, the Energy Center will send a letter requesting a corrective action plan. The corrective action plan should

explain at a minimum why expenditure and production goals have fallen short and contain a detailed explanation of what corrective action has or will be taken.

Energy Center staff will evaluate the plan for adequacy taking into account any extenuating circumstances and agency actions to correct the deficiency. If production remains insufficient, the department may re-capture and re-distribute funds to other high performing sub-grantees.

The Energy Center will evaluate each established sub-grantee's performance against defined benchmarks after the first nine months of the grant period. If analysis indicates a sub-grantee has fallen behind expected production and/or expenditure levels, the Energy Center will report to department management.

It will then be decided whether to initiate a competitive process to select additional sub-grantees in areas of the state where it is determines necessary to ensure effective and timely use of the Transform Missouri weatherization funds.

The Energy Center will offer assistance as resources allow to help sub-grantees increase production to successful performance levels. This assistance may include special technical or administrative training for sub-grantee staff or identification of additional contractors.

Also under the assessment of effectiveness found on Pages 4 and 5 of the master file, the

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Budget period: 04/01/2009 - 03/31/2012
10
       details of the Transform Missouri performance
       based initiative(sic) are explained. Twenty
11
       percent of the Transform Missouri
12
13
       weatherization funding will be used by the
14
       department as an incentive for superior
       sub-grantee performance. Performance-based
15
16
       benchmarks for successful sub-grantee
17
       performance are as follows:
18
          The Energy Center will evaluate each
19
       sub-grantees performance against defined
       benchmarks no later than 15 months of the grant
20
21
       period. If sub-grantees meet the specific
       criteria, incentive funds remains after the
22
23
       funding of new sub-grantees, if needed, would
       be distributed to high-performing agencies
24
25
       according to the population poverty criteria
1
      and waiting lists. Those criteria include:
          Number 1, the sub-grantee is expending a
2
      minimum of 95 percent of the funds projected to
3
      be spent at the 15th month of three-year
4
5
      sub-grant period.
6
          Number 2, the sub-grantee has weatherized
      a minimum of five homes above the production
7
8
      expected at 15 months into the three-year
9
      sub-grant period.
10
          Number 3, the sub-grantee has had no major
11
       findings in the previous two Energy Center
       fiscal and procedure and technical monitoring
12
13
       visits or in the sub-grantee's A-133 audit
14
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report.

And number 4, monthly quarterly and annual reports are submitted on time.

Again, under assessment of effectiveness on Page 5 of the master file, program evaluation is explained as measurement and evaluation of program effectiveness is vital and may be achieved through varied techniques and information sources.

Among the analysis approaches the department will use is one focused on data gathering and analysis to assess equity of

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program delivery and to identify underserved geographic areas of population. This analysis will help the department identify ways in which to focus resources for greater impact and client benefits.

By using a geographic information system based tool to identify homes and weatherization actions taken in homes, the Energy Center will also be able to support sub-grantees' planning efforts and identify likely needs.

Other additions to the plan include the following:

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The State will utilize the 6,500 average cost per home average as authorized by the U.S. Department of Energy. The State has set income guidelines at 200 percent of the federal poverty levels to comply with Federal Weatherization Assistance Program regulations. Also in accordance with federal regulations, homes previously weatherized between September 30, 1975, and September 30, 1974, are eligible to be re-weatherized. Any home weatherized after September 30, 1994, is not eligible to be re-weatherized with federal funds.

Lighting retrofits, refrigerator replacement, and cooling measures were added to the list of eligible weatherization measures. The sub-grantee on-site monitoring procedures were more clearly defined and a number of sub-grantees' homes and files to be reviewed will be based on an annual risk assessment. And the Lead Safe Weatherization protocols were updated in the health and safety portion of the plan to comply with federal regulations.

In conclusion that is a summary of the additions and clarifications to the program year 2009 through program year 2011 Missouri application and state plan for the U.S. Department of Energy's American Recovery and Reinvestment Act or Transform Missouri funding for the Low Income Weatherization Assistance Program.

The plan is now open for public comment.

And again, we ask that open discussion be held until all comments have been noted and questions pertain only to this particular state plan.

We also ask that if you do make a comment that you come to the podium and state your full

name and affiliation for our transcript. You may also be asked to spell your last name for us as well. And you can also submit a business card for our transcriber.

MR. GASSNER: Okay. Did anybody not sign the sign-in sheet? Okay. We'll go ahead and start with Marilyn. I think you have comments.

MRS. MILLÉR: I am Marilyn Miller, energy conservation director at the West Central Missouri Community Agency in Appleton City, Missouri.

I have concern regarding the distribution plan for the total amount of funding. I think the 20 percent performance-based incentive is good. It should provide the assurance that 80

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16 percent, that's 60 percent plus the 20 percent, of the funding will be expended by March 31, 17 18 19 I believe the intent of our President 20 Obama with the Low Income Weatherization 21 Assistance Program was to create green jobs and 22 weatherize homes. This leads me to comment on 23 the remaining 20 percent Transform Missouri 24 housing initiative reserved at this time for 25 some later date.

20

As explained in the state plan, this project requires local match and other conditions that are not part of the weatherization requirements. I completely support leveraging other funds and our agency does that very well but should not be a criteria for awarding weatherization funds.

As stated in the state plan, these funds will be distributed on a competitive basis through a request for proposals. There is no timeframe identified when this money will be available or how the Missouri Department of Natural Resources will select sub-grantees.

The Department of Energy final rule for weatherization, Section 440.15 of Title 10 code of federal regulations addresses the selection process for sub-grantees in detail. Experimenting with a new initiative at a time when we need to be creating green jobs and weatherizing homes I disagree with.

This money needs to be allocated to the sub-grantees immediately. I want to thank the staff for developing an upfront funding formula that is feasible.

I also support the Missouri Association

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- 1 for Community Action, the Missouri Energy
- 2 Partnership Project. Through this project I
- 3 believe we can move Missouri into a new age of
- 4 energy conservation and affordability. Thank
- 5 you, Marilyn Miller, W